

<p align="center">DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</p> <p><input type="checkbox"/> Declaration Submitted with Initial Filing</p> <p><input type="checkbox"/> Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(e)) required)</p>	Attorney Docket Number	
	First Named Inventor	
	<i>COMPLETE IF KNOWN</i>	
	Application Number	/
	Filing Date	
	Group Art Unit	
	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SELECTIVELY PERMEABLE MEMBRANE TYPE REACTOR

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) January/17/2005 as United States Application Number or PCT International Application Number PCT/JP2005/000456 and was amended on (MM/DD/YYYY) June/20/2005 (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification; including the claims, as amended by any amendment specifically referred to above.

POWER OF ATTORNEY: I hereby appoint the practitioner(s) named below to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith:

Name	Registration Number
Stuart T. F. Huang	34,184
D. Douglas Price	24,514
Scott D. Watkins	36,715
Charles F. Schill	27,590
Harold H. Fox	41,498
Timothy C. Bickham	41,618
C. Donald Stevens	53,638
Seth A. Watkins	47,169
Roger W. Parkhurst	25,177
Charles A. Wendel	24,453
Tyson Y. Winarski	41,381

SEND CORRESPONDENCE TO:
CUSTOMER NO. 27890
Box PTO
Steptoe & Johnson LLP
1330 Connecticut Avenue, N.W.
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I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
2004-017542	Japan	January/26/2004	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

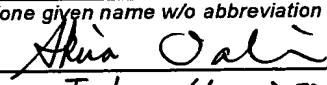
Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability in 37 C.F.R. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

I hereby declare that all statements made herein of own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of First Inventor: Akira TAKAHASHI
(one given name w/o abbreviation plus any other given name or initial and family name)

Inventor's Signature: 

Date: July 4, 2006

Residence: Nagoya-city, Aichi-prefecture, Japan
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Full Name of Joint Inventor: Nobuhiko MORI
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Full Name of Joint Inventor: _____
(one given name w/o abbreviation plus any other given name or initial and family name)

Inventor's Signature: _____

Date: _____

Residence: _____
(city and state or city and foreign country)

Citizenship: _____

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(city and state and ZIP and country)

Full Name of Joint Inventor: _____
(one given name w/o abbreviation plus any other given name or initial and family name)

Inventor's Signature: _____

Date: _____

Residence: _____
(city and state or city and foreign country)

Citizenship: _____

Mailing Address: _____
(street address)

(city and state and ZIP and country)

10/586670

AP6 Rec'd PCT/PTO 20 JUL 2006

ATTY. DKT. 28953.7292

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Akira TAKAHASHI et al

Serial No.: (new - based on PCT/JP2005/000456)

Int'l Filing Date: 17 January 2005

For: SELECTIVELY PERMEABLE MEMBRANE TYPE REACTOR

DESIGNATION PURSUANT TO 37 CFR §1.32(c)(3),
THIRD SENTENCE, RE POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Inasmuch as the Power of Attorney originally filed in this application (copy attached) named more than ten (10) registered patent practitioners, the following among those previously named practitioners are to be recognized by the PTO as of record in this application:

CUSTOMER NO. 27890

Stuart T. F. Huang	34,184	C. Donald Stevens	53,638
Scott D. Watkins	36,715	Seth A. Watkins	47,169
Charles F. Schill	27,590	Roger W. Parkhurst	25,177
Harold H. Fox	41,498	Tyson Y. Winarski	41,381
Timothy C. Bickham	41,618	Daniel L. Girdwood	52,947

Respectfully submitted,



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